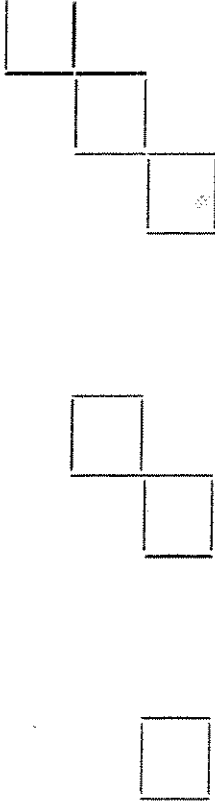


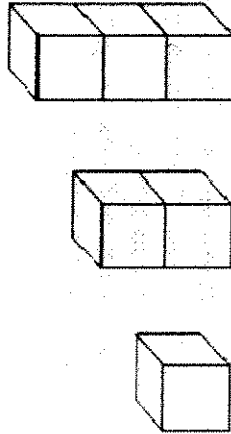
2.3.1: Pattern Practice (continued)

3. Use toothpicks:



Term Number	Number Tiles/Picks/Cubes	Description
1		
2		
3		
20		
n		

4. Determine the number of faces that you can see in each term:



Term Number	Number Tiles/Picks/Cubes	Description
1	3	For each of the faces you'd
2	9	would add 2 more blocks
3	7	each time and then you'd 3
20	9	will see 3 more faces. 10
n	$3n+2$	add 2 more faces each time